

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052424\
 Data File : VX041645.D
 Acq On : 24 May 2024 11:22
 Operator : JC/MD
 Sample : VX0524WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0524WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/28/2024
 Supervised By : Semsettin Yesilyurt 05/28/2024

Quant Time: May 25 04:20:54 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 08 06:03:16 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.550	168	158365	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	229888	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	215277	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	119074	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	98743	57.275	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 114.540%			
35) Dibromofluoromethane	5.385	113	79613	51.103	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.200%			
50) Toluene-d8	8.647	98	265664	53.878	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 107.760%			
62) 4-Bromofluorobenzene	11.079	95	103985	54.478	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 108.960%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	25344	19.476	ug/l	97
3) Chloromethane	1.301	50	25769	19.137	ug/l	99
4) Vinyl Chloride	1.380	62	26988	21.025	ug/l	98
5) Bromomethane	1.599	94	17954	22.311	ug/l	93
6) Chloroethane	1.666	64	17521	29.398	ug/l	99
7) Trichlorofluoromethane	1.868	101	48675	21.990	ug/l	99
8) Diethyl Ether	2.136	74	19831	25.419	ug/l	88
9) 1,1,2-Trichlorotrifluo...	2.319	101	26888	21.613	ug/l	89
10) Methyl Iodide	2.447	142	33030	24.669	ug/l	91
11) Tert butyl alcohol	3.002	59	41404	119.988	ug/l	# 93
12) 1,1-Dichloroethene	2.313	96	25013	20.382	ug/l	88
13) Acrolein	2.239	56	25022	91.405	ug/l	100
14) Allyl chloride	2.660	41	44576	21.620	ug/l	98
15) Acrylonitrile	3.075	53	94891	120.489	ug/l	98
16) Acetone	2.392	43	92583	119.913	ug/l	97
17) Carbon Disulfide	2.502	76	41168	14.271	ug/l	99
18) Methyl Acetate	2.709	43	48215	27.335	ug/l	96
19) Methyl tert-butyl Ether	3.123	73	101941	22.787	ug/l	97
20) Methylene Chloride	2.788	84	31682	21.168	ug/l	91
21) trans-1,2-Dichloroethene	3.087	96	24954	18.195	ug/l	92
22) Diisopropyl ether	3.764	45	100607	23.024	ug/l	99
23) Vinyl Acetate	3.727	43	445574	113.994	ug/l	97
24) 1,1-Dichloroethane	3.605	63	53781	21.786	ug/l	98
25) 2-Butanone	4.568	43	138510	124.132	ug/l	96
26) 2,2-Dichloropropane	4.477	77	41823	20.263	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	34083	20.989	ug/l	92
28) Bromochloromethane	4.904	49	20350	23.098	ug/l	# 78
29) Tetrahydrofuran	5.013	42	85938	117.764	ug/l	97
30) Chloroform	5.093	83	58554	22.799	ug/l	95
31) Cyclohexane	5.465	56	37773	18.154	ug/l	96
32) 1,1,1-Trichloroethane	5.379	97	49687	21.265	ug/l	98
36) 1,1-Dichloropropene	5.690	75	33330	17.892	ug/l	95
37) Ethyl Acetate	4.727	43	51853	22.309	ug/l	99
38) Carbon Tetrachloride	5.672	117	40885	19.158	ug/l	95
39) Methylcyclohexane	7.379	83	39212	17.917	ug/l	# 94
40) Benzene	6.038	78	113827	19.821	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	28112	23.499	ug/l	95
42) 1,2-Dichloroethane	6.086	62	46012	21.862	ug/l	97
43) Isopropyl Acetate	6.348	43	78282	22.400	ug/l	98
44) Trichloroethene	7.129	130	30908	20.382	ug/l	88
45) 1,2-Dichloropropane	7.434	63	29082	22.666	ug/l	97
46) Dibromomethane	7.580	93	22768	22.291	ug/l #	81
47) Bromodichloromethane	7.824	83	42680	23.448	ug/l	97
48) Methyl methacrylate	7.696	41	38902	24.283	ug/l	97
49) 1,4-Dioxane	7.665	88	17547m	506.601	ug/l	
51) 4-Methyl-2-Pentanone	8.574	43	282412	134.671	ug/l	100
52) Toluene	8.720	92	73940	21.048	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	40968	20.858	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	44292	22.135	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	33462	24.734	ug/l	98
56) Ethyl methacrylate	9.116	69	52429	25.041	ug/l	99
57) 1,3-Dichloropropane	9.311	76	54047	23.937	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.245	63	128342	126.419	ug/l	94
59) 2-Hexanone	9.433	43	218906	130.544	ug/l	99
60) Dibromochloromethane	9.519	129	36357	22.828	ug/l	99
61) 1,2-Dibromoethane	9.610	107	34525	23.197	ug/l	99
64) Tetrachloroethene	9.275	164	28468	18.262	ug/l	89
65) Chlorobenzene	10.080	112	89456	20.470	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	32889	21.299	ug/l	97
67) Ethyl Benzene	10.195	91	140494	19.485	ug/l	98
68) m/p-Xylenes	10.299	106	111510	38.620	ug/l	94
69) o-Xylene	10.640	106	56144	20.308	ug/l	96
70) Styrene	10.653	104	95674	21.090	ug/l	96
71) Bromoform	10.799	173	28927	20.932	ug/l #	98
73) Isopropylbenzene	10.964	105	145354	19.998	ug/l	98
74) N-amyl acetate	10.842	43	70889	22.323	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	56823	23.858	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	45179m	23.282	ug/l	
77) Bromobenzene	11.195	156	43074	20.997	ug/l	80
78) n-propylbenzene	11.305	91	156978	20.563	ug/l	97
79) 2-Chlorotoluene	11.366	91	102090	20.752	ug/l	94
80) 1,3,5-Trimethylbenzene	11.451	105	121690	20.537	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	14152	19.865	ug/l	95
82) 4-Chlorotoluene	11.451	91	114664	20.531	ug/l	94
83) tert-Butylbenzene	11.713	119	132354	20.859	ug/l	92
84) 1,2,4-Trimethylbenzene	11.750	105	123065	20.642	ug/l	94
85) sec-Butylbenzene	11.890	105	150683	20.722	ug/l	96
86) p-Isopropyltoluene	12.006	119	129860	19.885	ug/l	95
87) 1,3-Dichlorobenzene	11.969	146	76288	20.459	ug/l	95
88) 1,4-Dichlorobenzene	12.043	146	77524	20.180	ug/l	96
89) n-Butylbenzene	12.335	91	100030	19.049	ug/l	98
90) Hexachloroethane	12.536	117	21160	19.375	ug/l	60
91) 1,2-Dichlorobenzene	12.335	146	79357	20.149	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.945	75	12218	22.200	ug/l	65
93) 1,2,4-Trichlorobenzene	13.591	180	51392	18.668	ug/l	96
94) Hexachlorobutadiene	13.725	225	24613	17.903	ug/l	99
95) Naphthalene	13.774	128	170488	20.897	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	55194	19.617	ug/l	95

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(#) = qualifier out of range (m) = manual integration (+) = signals summed

